CLAIMS

What is claimed is:

1	1. A method comprising:			
2	generating an attestation key pair within a platform; and			
3	producing a certificate including a public attestation key to attest that a private			
4	attestation key, corresponding to the public attestation key, is stored in hardware-			
5 protected memory.				
1	2. The method of claim 1, wherein prior to generating the attestation key			
2	pair, the method further comprises providing the platform including a processor and a			
3	system memory including an isolated area accessible only by the processor running in an			
4	isolated execution mode.			
1	3. The method of claim 1, wherein the producing of the certificate occurs at			
2	an initial power-on of the platform.			
1	4. The method of claim 2, wherein the producing of the certificate comprises			
2	booting the platform from code stored in a platform readable medium loaded by			
3	an agent; and			
4	executing an applet running within the isolated area of the system memory to			
5	generate the attestation key pair.			
1	5. The method of claim 4, wherein the producing of the certificate further			

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comprises encrypting the public attestation key with a private key held by the agent.

1	The method of claim 1, wherein the producing of the certificate comprises		
2	encrypting the public attestation key using a private key held by an original		
3	equipment manufacturer of the platform.		
1	7 The method of claim 1 further comprising:		
2	receiving a challenge message from a remotely located platform, the challenge		
3	message including a nonce.		
1	The method of claim 7 further comprising:		
2	generating a response message for transmission to the remotely located platform		
3	the response message including the certificate, the nonce and a hash value of an audit log		
1	The method of claim 8, wherein the nonce and the hash value are signed		
2	with the private attestation key.		
1	10. A platform comprising:		
2	a processor to operate in one of a normal execution mode and an isolated		
3	execution mode;		
4	an input/output control hub in communication with the processor, the input/outpu		
5	control hub to generate an attestation key pair and to store an audit log being a listing of		
6	data representing a plurality of software modules loaded within the platform.		
1	11 The platform of claim 10, wherein the plurality of software modules		
2	include a processor nub and an operating system nub.		

1	12. The platform of claim 10 further comprising at least one input/output			
2	device allowing communications with a remotely located platform.			
1	13. The platform of claim 10 further comprising a token link coupled to the			
2 input/output control hub, the token link providing a communication path for a				
1	14. The platform of claim 13 wherein the token stores a private attestation key			
2	of the attestation key pair.			
1	15. A platform comprising:			
2	a processor to operate in either a normal execution mode or an isolated execution			
3	mode;			
4	a system memory coupled to the processor, the system memory including an			
5	isolated area and a non-isolated area;			
6	a device in communication with the processor, the device to store an audit log, the			
7	audit log being a listing of data or presenting information loaded into the isolated area of			
8	the system memory; and			
9	a token to generate an attestation key pair to load at least a private attestation key			
10	of the attestation key pair into a protected memory.			
1	16. The platform of claim 15, wherein the protected memory includes a			
2	plurality of single write, multiple-read control registers.			
1	17. The platform of claim 15, wherein the device is an input/output control			

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nub.

1	18.	The platform of claim 15, wherein the token further generates an	
2	attestation certificate to attest that the private attestation key is stored in protected		
3	memory.		
1	19.	A method comprising:	
2	generating an attestation key pair;		
3	storing a private attestation key into hardware-protected memory; and		
4	producing a certificate including the public attestation key to attest that the private		
5 attestation key is stored in the hardware protected memory.			
1	20.	The method of claim 19, wherein the hardware-protected memory includes	
2	single-write, multiple-read control registers.		
1	21.	The method of claim 19, wherein the hardware-protected memory includes	
2	an isolated area of a system memory accessible to a processor when operating in an		
3	isolated execution mode.		
1	22.	The method of claim 19, wherein the producing of the certificate occurs at	
2	an initial power-on of the platform.		
1	23.	The method of claim 19, wherein the producing of the certificate	
2	comprises:		
3	booting a platform including the hardware-protected memory from code stored in		
4	a readable medium loaded by an agent; and		
5	executing an applet stored in the hardware-protected memory to generate the		
6	attestation key pair.		